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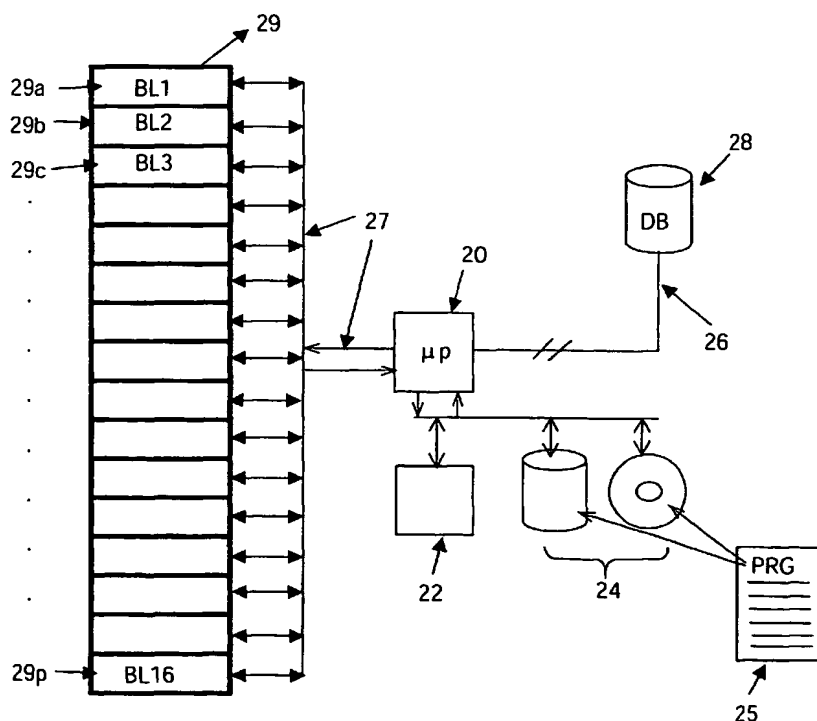
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[Continued on next page]

(54) Title: **ROBUST COMMUNICATION SYSTEM**



(57) Abstract: A primary station (10) for use in a communication system is described, the system operating according to a predetermined protocol. The primary station is capable of managing a plurality of piconets having secondary stations (12a, b, c) which communicate with the primary station on individual logical radio channels. In particular, the capacity available on the channels is monitored (20,25) and the channels in use controlled thereby enabling the secondary stations to communicate even in periods of heavy use. The primary station is suitable for application as a wireless access point in public spaces (airports, train stations) and in business or home scenarios where robust low power multiple radio networks are required.

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SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

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- *as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii)) for the following designations* AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW, ARIPO

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A. CLASSIFICATION OF SUBJECT MATTER  
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## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 H04L H04Q

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, INSPEC, COMPENDEX

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
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Y	column 1, line 62 -column 2, line 16 column 4, line 47 -column 7, line 10 column 8, line 7 - line 53 figures 1,3,4	3,4,9-14
X	EP 0 977 377 A (MITSUBISHI ELECTRIC CORP) 2 February 2000 (2000-02-02) column 6, line 46 -column 7, line 13 column 8, line 13 -column 9, line 46 column 10, line 14 -column 11, line 19 figures 1,2,3A,3B,5A,5B,9,12A,12B,13A,13B -/--	1,6,7

☒ Further documents are listed in the continuation of box C.

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International

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